PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

TIMOTHY RAYMOND UBL

et al.

Serial No.:

09/500,592

Filed:

February 10, 2000

For:

METHOD FOR ADJUSTING

A HEAD SUSPENSION

PARAMETER-

Examiner:

Tolan, Edward Thomas

Group Art Unit: 2651

Docket No.

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Technology Center 2600

Commissioner for Patents

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I CERTIFY THAT, ON NOVEMBER 26, 2003, THIS PAPER IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS, P. O. BOX 1450 ALEXANDRIA VA 22313-1450

2nd SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The references listed on the enclosed form PTO-1449 are presented pursuant to the Applicants' duty of disclosure. A copy of each of these references is enclosed.

No fee is believed to be necessary. Should any fee be required, the Commissioner is authorized to charge our Deposit Account No. and notify us of the same.Respectfully Submitted,

TIMOTHY RAYMOND UBL et al.

By:

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Dated: November 26, 2003

Enclosures M2:20585310.01

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November 26, 2003 Page 1 of 1

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No.

Serial No.

17310-220588 Applicant 09/500,592

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

TIMOTHY RAYMOND UBL et al.

Filing Date

Group

February 10, 2000

U.S. PATENT DOCUMENTS

		U.S. I ATE	11 DOCUMENTS			
Examiner	Document	Date	Name	Class	Subclass	Filing Date
Initial	Number]	If Appropriate
	4,777,544	10.11.88	Brown et al.			
	5,228,324	07.20.93	Frackiewicz et al.			
	5,256,850	10.26.93	Maegawa et al.		DE	
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	Number		. Y.			Yes/No
~	4-310614	02.11.1992	JP			Yes
١	1-227279	11.09.1989	JP			Yes
^	3-192586	22.08.1991	JP			Abstract
`	5-189906	30.07.1993	JP			Yes
	5-159501	25.06.1993	JP			Yes
\	92-01768	1993.06.16	NL	`		Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Laser Gram Load Adjust for Improved Disk Drive Performance; Singh, Gurinder, Wu,
	Xiao and Brown, Byron; pp. 1-10; July 17, 2000.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

M2:20585310.01

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